

A.15.0 References

- Akar, P. J., and G. H. Jirka. 1991. *CORMIX2: An Expert System for Hydrodynamic Mixing Zone Analysis of Conventional and Toxic Submerged Multiport Discharges*, EPA/600/3-91/073. Athens, GA: U.S. Environmental Protection Agency, Environmental Research Laboratory.
- Akar, P. J., and G. H. Jirka. 1994. "Buoyant Transport and Mixing, Part I: Lateral Spreading in Strong Ambient Current." In *J. Hydraulic Research* 32:815–831.
- Akar, P. J., and G. H. Jirka. 1995. "Buoyant Transport and Mixing, Part II: Upstream Spreading in Weak Ambient Current." In *J. Hydraulic Research* 33:87–100.
- ADFG, see Alaskan Department of Fish and Game.
- Alaskan Department of Fish and Game. 1994. *Alaska Department of Fish and Game Wildlife Notebook Series*.
- Alaskan Department of Fish and Game. 2000a. *Sea Otter*, ADFG Marine Notebook. As accessed at www.state.ak.us/adfg/notebook/marine/seaotter.htm on 11 June.
- Alaskan Department of Fish and Game. 2000b. *Steller's Sea Lion*, ADFG Marine Notebook. As accessed at www.state.ak.us/adfg/notebook/marine/sealion.htm on 14 June.
- Alaskan Department of Fish and Game. 2002. Community Profile Database. As accessed at <http://www.state.ak.us/adfg/subsist/geninfo/publctns/cpdb.htm> on 18 June.
- A/PIA, see Aleutian/Pribilof Islands Association.
- Aleutian/Pribilof Islands Association. 2000. Verbal communication from Bob Patrick of A/PIA to Barney Cornaby of SAIC regarding diets of Aleuts, April 13 and 14.
- Armstrong, R. H. 1977. "Weather and Climate." In *The Environment of Amchitka Island, Alaska*. Columbus, OH: Battelle Columbus Laboratories.
- Baes, C. F., III, R. D. Sharp, A. L. Sjoren, and R. W. Shor. 1984. *A Review and Analysis of Parameters for Assessing Transport of Environmentally Released Radionuclides Through Agriculture*, ORNL-5786. Oak Ridge, TN: Oak Ridge National Laboratory.
- Bloom, S. G., J. E. Howes, R. A. Ewing, and G. E. Raines. 1975. *Amchitka Bioenvironmental Program, Pretest Estimates of Hypothetical Internal Radiation Doses from Cannikin via Marine Food Chains*, BMI-171-143. Columbus, OH: Battelle Memorial Institute, Columbus Laboratories.

- Bowen, S. M., D. L. Finnegan, J. L. Thompson, C. M. Miller, P. L. Baca, L. F. Olivas, C. G. Geoffrion, D. K. Smith, W. Goishi, B. K. Esser, J. W. Meadows, N. Namboodiri, and J. F. Wild. 2001. Nevada Test Site Radionuclide Inventory, 1955-1992, Report LA-13859-MS, 27p. Los Alamos, NM: Los Alamos National Laboratory.
- Carlson, H. R., K. W. Myers, E. V. Farley, H. W. Jaenicke, R. E. Haight, and C. M. Gutherie III. 1996. *Cruise Report of the F/V Great Pacific Survey of Young Salmon in the North Pacific-Dixon Entrance to Western Aleutian Islands—July–August 1996*, NPAFC Doc. 222. Juneau, AK: Auke Bay Laboratory, AFSC, NMFS, NOAA.
- Carlson, H. R., E. V. Farley, R. E. Haight, K. W. Myers, and D. W. Welch. 1997. *Survey of Salmon in the North Pacific Ocean and Southern Bering Sea--Cape St. Elias to Attu Island-July–August, 1997*, NPAFC Doc. 254. Juneau, AK: Auke Bay Laboratory, AFSC, NMFS, NOAA.
- Clark, W. G., G. St-Pierre, and E. S. Brown. 1997. *Estimates of Halibut Abundance from NMFS Trawl Surveys*, Technical Report 37. Seattle, WA: International Pacific Halibut Commission.
- DOE, see U.S. Department of Energy.
- DRI, see Desert Research Institute.
- Desert Research Institute. 1999. *Progress Report to U.S. Department of Energy*. Las Vegas, NV.
- Doneker, R. L., and G. H. Jirka. 1990. *CORMIX1: An Expert System for Mixing Zone Analysis of Conventional and Toxic Single Port Aquatic Discharges*, EPA-600/600/3-90/012. Athens, GA: U.S. Environmental Protection Agency, Environmental Research Laboratory.
- Doneker, R. L. and G. H. Jirka. 1991. "Expert Systems for Design and Mixing Zone Analysis of Aqueous Pollutant Discharges." In *J. Water Resources Planning and Management*, ASCE, Vol. 117, No. 6, 679–697.
- Eckerman, K.F., R.W. Leggett, C.B. Nelson, J.S. Puskin, and A.C.B. Richardson. 1999. Cancer Risk Coefficients for Environmental Exposure to Radionuclides. Federal Guidance Report No. 13, EPA 402-R-99-001. Washington DC: Office of Radiation and Indoor Air, United States Environmental Protection Agency.
- EPA, see U.S. Environmental Protection Agency.
- Fritz, L. W., and S. A. Lowe. 1998. *Seasonal Distributions of Atka Mackerel (Pleurogrammus monopterygius) in Commercially-fished Areas of the Aleutian Islands and Gulf of Alaska*, NOAA Tech. Memo NMFS-AFSC-92, 29 pp. Washington, DC: U.S. Department of Commerce.

- Gustafson, R. G., T. C. Wainwright, G. A. Winans, F. W. Waknitz, L. T. Parker, and R. S. Waples. 1997. *Status Review of Sockeye Salmon from Washington and Oregon*, NOAA Tech. Memo NMFS-NWFSC-33, 300 pp. Washington, DC: U.S. Department of Commerce.
- Hard, J. J., R. G. Kope, W. S. Grant, F. W. Waknitz, L. T. Parker, and R. S. Waples. 1996. *Status Review of Pink Salmon from Washington, Oregon, and California*, NOAA Tech. Memo NMFS-NWFSC-25, 141 pp. Washington, DC: U.S. Department of Commerce.
- Harris, S. G., and B. L. Harper. 1997. "A Native American Exposure Scenario." In *Risk Anal.* 17, Number 6. New York, NY: Plenum Publishing Corporation.
- Hoag, S. H., G. St. Pierre, and J. I. Forsberg. 1997. *Bottom Area Estimates of Habitat for Pacific Halibut*, Technical Report No. 36, 28 pp. Seattle, WA: International Pacific Halibut Commission.
- Ianelli, J. N., L. Fritz, T. Honkalehto, N. Williamson, and G. Walters. 2000. *Eastern Bering Sea Walleye Pollock Assessment*, In publication, NMFS-AFSC, 92 pp. Seattle, WA.
- IAEA, see International Atomic Energy Agency.
- International Atomic Energy Agency. 1985. *Sediment Kds and Concentration Factors for Radionuclides in the Marine Environment*, IAEA Technical Report Series 247. Vienna: International Atomic Energy Agency.
- ICRP, see International Commission on Radiation Protection.
- International Commission on Radiation Protection. 1979–1988. *Limits of Intakes of Radionuclides by Workers*, ICRP Publication 30, Parts 1 through 4. New York, NY: Pergamon Press.
- IPHC, see International Pacific Halibut Commission.
- International Pacific Halibut Commission. 1998. *The Pacific Halibut: Biology, Fishery, and Management*, Technical Report 40, 64 pp. Anchorage, AK.
- International Pacific Halibut Commission. 2000. "Pacific Halibut Stock Assessment and Fishery Evaluation." In *Appendix A, Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions*. Anchorage, AK: North Pacific Fishery Management Council.
- Isaakson, J. S., and A. H. Seymour. 1968. *Amchitka Bioenvironmental Program, Annual Progress Report July 1, 1967 - June 20, 1968, Radiometric and Elemental Analyses on Marine Organisms from Amchitka, Alaska*. BMI-171-113. Columbus, OH: Batelle Memorial Institute, Columbus Laboratories.
- IT, see IT Corporation.

- IT Corporation. 1999. *Amchitka Subsurface Human Health Risk Assessment Interim Work Product*. Las Vegas, NV.
- Jackson, G. A., and C. D. Winant. 1983. "Effect of a Kelp Forest on Coastal Currents." In *Continental Shelf Res.* 2:75-80.
- Jirka G. H. and R. L. Doneker. 1991. "Hydrodynamic Classification of Submerged Single Port Discharges." In *J. Hydraulic Engineering*, ASCE, 117:1095-1112.
- Jirka G. H. and P. J. Akar. 1991. "Hydrodynamic Classification of Submerged Multiport Diffuser Discharges." In *J. Hydraulic Engineering*, ASCE, 117:1113-1128.
- Jirka, G. H. 1992. "Use of Mixing Zone Models in Estuarine Waste Load Allocation," Part III of *Technical Guidance Manual for Performing Waste Load Allocations*, EPA-823-R-92-004, Book III: Estuaries. Edited by R. A. Ambrose and J. L. Martin. Washington, DC: U.S. Environmental Protection Agency.
- Jirka, G. H., P. J. Akar, and J. D. Nash. 1996a. *Enhancements to the CORMIX Mixing Zone Expert System: Technical Background*. Ithaca, NY: DeFrees Hydraulics Laboratory, School of Civil and Environmental Engineering, Cornell University.
- Jirka, G. H., R. L. Doneker, and S. W. Hinton. 1996b. *User's Manual for CORMIX: A Hydrodynamic Mixing Zone Model and Decision Support System for Pollutant Discharges into Surface Waters*. Athens, GA: U.S. Environmental Protection Agency, Environmental Research Laboratory.
- Jirka, G. H., R. L. Doneker, and S. W. Hinton. 1996c. *User's Manual for CORMIX: A Hydrodynamic Mixing Zone Model and Decision Support System for Pollutant Discharges into Surface Waters*, Cooperative Agreement No. CX824847-01-0. Washington, DC: Office of Science and Technology, U.S. Environmental Protection Agency.
- Johnson, O. W., W. S. Grant, R. G. Kope, K. Neely, F. W. Waknitz, and R. S. Waples. 1997. *Status Review of Chum Salmon from Washington, Oregon, and California*, NOAA Tech. Memo NMFS-NWFSC-32, 280 pp. Seattle, WA: U.S. Department of Commerce.
- Jones, G. R. and G. H. Jirka. 1996. "Buoyant Surface Discharges into Water Bodies, Part 2: Prediction." In *J. Hydraulic Engineering*.
- Jones, G. R., J. D. Nash, and G. H. Jirka. 1996a. "Buoyant Surface Discharges into Water Bodies, Part 1: Classification." In *J. Hydraulic Engineering*.
- Jones, G. R., J. D. Nash, and G. H. Jirka. 1996b. *CORMIX3: An Expert System for Mixing Zone Analysis and Prediction of Buoyant Surface Discharges*. Ithaca, NY: DeFrees Hydraulics Laboratory, School of Civil and Environmental Engineering, Cornell University.

- Lebednik, P. A., and J. F. Palmisano. 1977. "Ecology of Marine Algae." In *The Environment of Amchitka Island Alaska*. M. L. Merritt and R. G. Fuller, eds. U.S. Energy Research and Development Administration.
- Lowe, S. A., and L. W. Fritz. 2000. "Assessment of Bering Sea/Aleutian Islands Atka Mackerel, Executive Summary." In *Appendix A, Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions*. Anchorage, AK: North Pacific Fishery Management Council.
- McAlister, W. B., C. Mahnken, R. C. Clark, Jr., W. J. Ingraham, J. Larrance, and D. Day. 1968. *Oceanography and Marine Ecology in the Vicinity of Amchitka Island*, USAEC Report BMI-171-112. Columbus, OH: Battelle Memorial Institute.
- McAlister, W. B., and F. Favorite. 1977. "Oceanography," pp. 331–352. In *The Environment of Amchitka Island, Alaska*. M. L. Merritt and R. G. Fuller, eds. Energy Research and Development.
- Méndez-Díaz, M. M., and G. H. Jirka. 1996. "Buoyant Plumes from Multiport Diffuser Discharge in Deep Coflowing Water." In *J. Hydraulic Engineering*, ASCE Vol. 122:426-478.
- Merrell, T. R., Jr. 1977. "Fishery resources of the Western Aleutians." In *The Environment of Amchitka Island Alaska*. M. L. Merritt and R. G. Fuller, eds. U.S. Energy Research and Development Administration.
- Merrick, R. L., and T. R. Loughlin. 1997. "Foraging Behavior of Adult Female and Young-of-the-Year Steller Sea Lions (*Eumetopias jubatus*) in Alaskan Waters." In *Canadian Journal of Zoology* 75 (5):776–786.
- Nash, J. D. and G. H. Jirka. 1996. "Buoyant Surface Discharges into Unsteady Ambient Flows." In *Dynamics of Atmospheres and Oceans*, 24:75–84.
- NDE, see, Norwegian Department of the Environment.
- NMFS, see National Marine Fisheries Service.
- National Marine Fisheries Service. 2000. *Biological Opinion for Listed Species in the Bering Sea Aleutian Islands Groundfish Fishery Management Plan and the Gulf of Alaska Groundfish Fishery Management Plan*, Endangered Species Act Section-7 Consultation, Biological Opinion and Incidental Take Statement. Anchorage, AK: Alaska Region Sustainable Fisheries Division.
- NMML, see National Marine Mammal Laboratory.
- National Marine Mammal Laboratory. 2000. *Steller Sea Lion Count Database*. As accessed at www.nmml.afsc.noaa.gov/AlaskaEcosystems/sslhome/index.htm on 10 June.
- NOAA, see National Oceanic and Atmospheric Administration.

- National Oceanic and Atmospheric Administration. 1976. *North Pacific Ocean Bering Sea (Southern Part)*. Chart amended through 1990. Washington, DC: U.S. Department of Commerce.
- Norwegian Department of the Environment). 2002. Radionuclide Uptake and Transfer in Pelagic Food Chains of the Barents Sea and Resulting Doses to Man and Biota. As accessed at <http://www.npolar.no/transeff/Effects/Radionuclides/Progress> on 2 October.
- ONR, see Office of Naval Research.
- Office of Naval Research. 1997. *Radionuclides in the Arctic Seas from the Former Soviet Union: Potential Health and Ecological Risks*. Livermore, CA.
- Okkonen, S. R. 1996. "The Influence of an Alaskan Stream Eddy on Flow Through Amchitka Pass." In *J. Geophys. Res.* 101: 8839–8851.
- Reed, R. K., and P. J. Stabeno. 1994. "Flow Along and Across the Aleutian Ridge." In *J. Mar. Res.* 52: 639–648.
- Roden, G. I. 1995. "Aleutian Basin of the Bering Sea: Thermohaline, Oxygen, Nutrient, and Current Structure in July 1993." In *J. Geophys. Res.* 100: 13539–13554.
- Simensted, C. A., J. S. Isakson, and R. E. Nakatani. 1977. "Marine Fish Communities." In *The Environment of Amchitka Island Alaska*. M. L. Merrit and R. G. Fuller, eds. U.S. Energy Research and Development Administration.
- Smith, D. K., B. K. Esser, and J. L. Thompson. 1995. *Uncertainties Associated with the Definition of a Hydrological Source Term for the Nevada Test Site*, UCRL-ID-120322. Livermore, CA: Lawrence Livermore National Laboratory.
- Smith, D.K., Lawrence Livermore National Laboratory. 1997. Memorandum to J. Wille (IT Corporation) regarding radionuclides recommended by the UGTA Source and Transport Subcommittee of significance for remedial investigations at the Nevada Test Site, 2 April. Livermore, CA.
- Spencer, P. D., D. H. Ito, and J. N. Ianelli. 2000. "Pacific Ocean Perch." In *Appendix A, Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions*. Anchorage, AK: North Pacific Fishery Management Council.
- Stabeno, P. J., and R. K. Reed. 1994. "Circulation in the Bering Sea Basin Observed by Satellite-Tracked Drifters: 1986–1993." In *J. Phys. Oceanogr.* 24: 848–854.
- U.S. Department of Commerce, Coast and Geodetic Survey. 1995. *Tidal Current Tables, Pacific Coast of North America and Asia*.

- U.S. Department of Energy. 2002. A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota, DOE-STD-1153-2002. U.S. Department of Energy, Washington, DC. July.
- U.S. Environmental Protection Agency. 1990a. *Exposure Factors Handbook*, EPA/600/8-89/043. Washington, DC: Office of Health and Environmental Assessment.
- U.S. Environmental Protection Agency. 1990b. National Oil And Hazardous Substances Pollution Contingency Plan--Final Rule, Title 40 *Code of Federal Regulations* Part 300:666. Washington, DC: Office of Health and Environmental Assessment.
- U.S. Environmental Protection Agency. 1991a. *Assessment and Control of Bioconcentratable Contaminants in Surface Waters*. Washington, DC: Office of Water.
- U.S. Environmental Protection Agency. 1991b. *Technical Support Document for Water Quality-Based Toxics Control*. Washington, DC: Office of Water.
- U.S. Environmental Protection Agency. 1993. *Wildlife Exposure Factors Handbook*, Volume I of II, EPA/600/R-93/187a. Washington, DC: Office of Health and Environmental Assessment, Office of Research and Development.
- U.S. Environmental Protection Agency. 1997. *Exposure Factors Handbook, Update to Exposure Factors Handbook EPA/600/8-89/043*, EPA/600/P-95/002Fa. Washington, DC: Office of Research and Development.
- U.S. Environmental Protection Agency. 1998. *Risk Assessment Guidance for Superfund*, Volume I: Human Health Evaluation Manual, Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments, Interim, Publication 9285.7-01D. Washington, DC: Office of Emergency and Remedial Response.
- U.S. Environmental Protection Agency. 1999. *Screening-Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities* (Peer Review Draft), EPA 530-D-99-001A. Washington, DC: Office of Solid Waste and Emergency Response.
- U.S. Environmental Protection Agency. 2001. *Radionuclide Table: Radionuclide Carcinogenicity-Slope Factors (Federal Guidance Report No. 13, Morbidity Risk Coefficients in Units of Picocuries)*. As accessed at <http://www.epa.gov/radiation/heast/download.htm> on 4 June.
- USFWS, see U.S. Fish and Wildlife Service.
- U.S. Fish and Wildlife Service. 1997. "Endangered and Threatened Wildlife and Plants; Change in Listing Status of Steller Sea Lion." In *Federal Register* 62 (108):30772-30773.
- USGS, see U.S. Geological Survey.

U.S. Geological Survey. 1975. "Amchitka Island Quadrangle," 667-340/62. Washington, DC: U.S. Government Printing Office.

Valdez, R. A., W. T. Helm, and J. M. Neuhold. 1977. "Aquatic Ecology." In *The Environment of Amchitka Island Alaska*. Columbus, OH: Battelle Columbus Laboratories.

Warren, B. A., and W. B. Owens. 1988. "Deep Currents in the Central Subarctic Pacific Ocean." In *J. Phys. Oceanogr.* 18: 529–551.

Witherell, D. 2000. *Groundfish of the Bering Sea and Aleutian Islands Area: Species Profiles 2000*. Anchorage, AK: North Pacific Fishery Management Council.